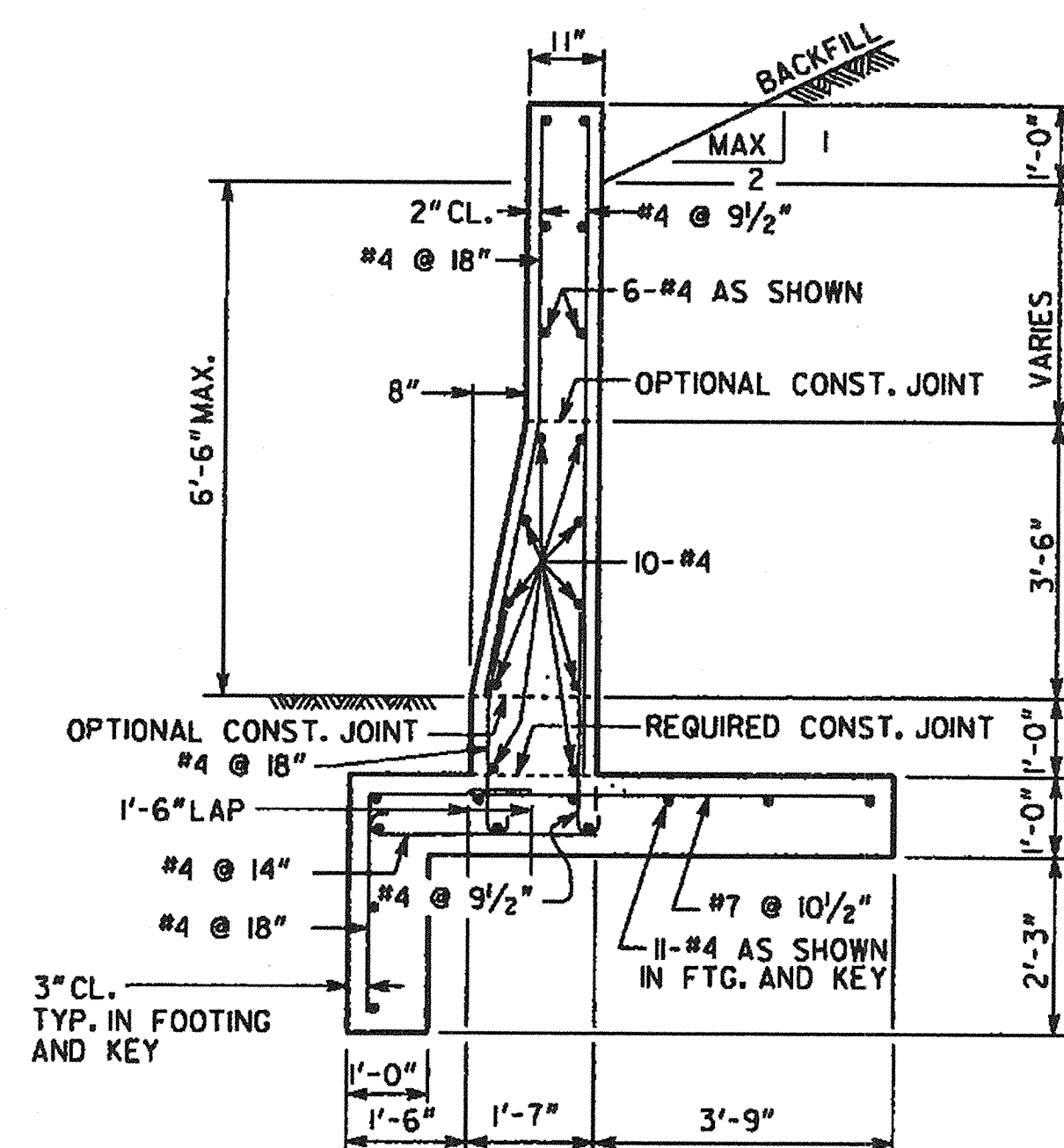
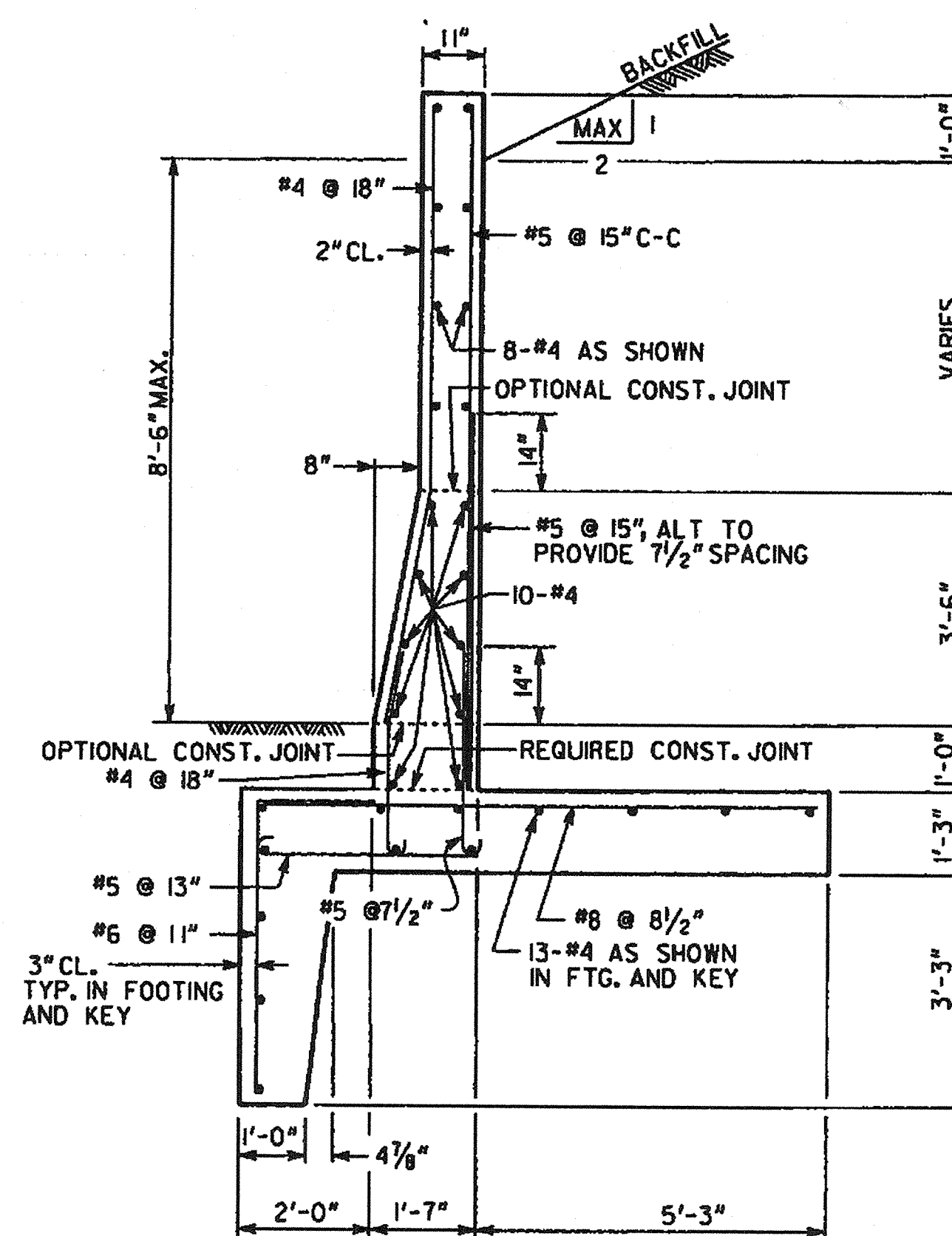


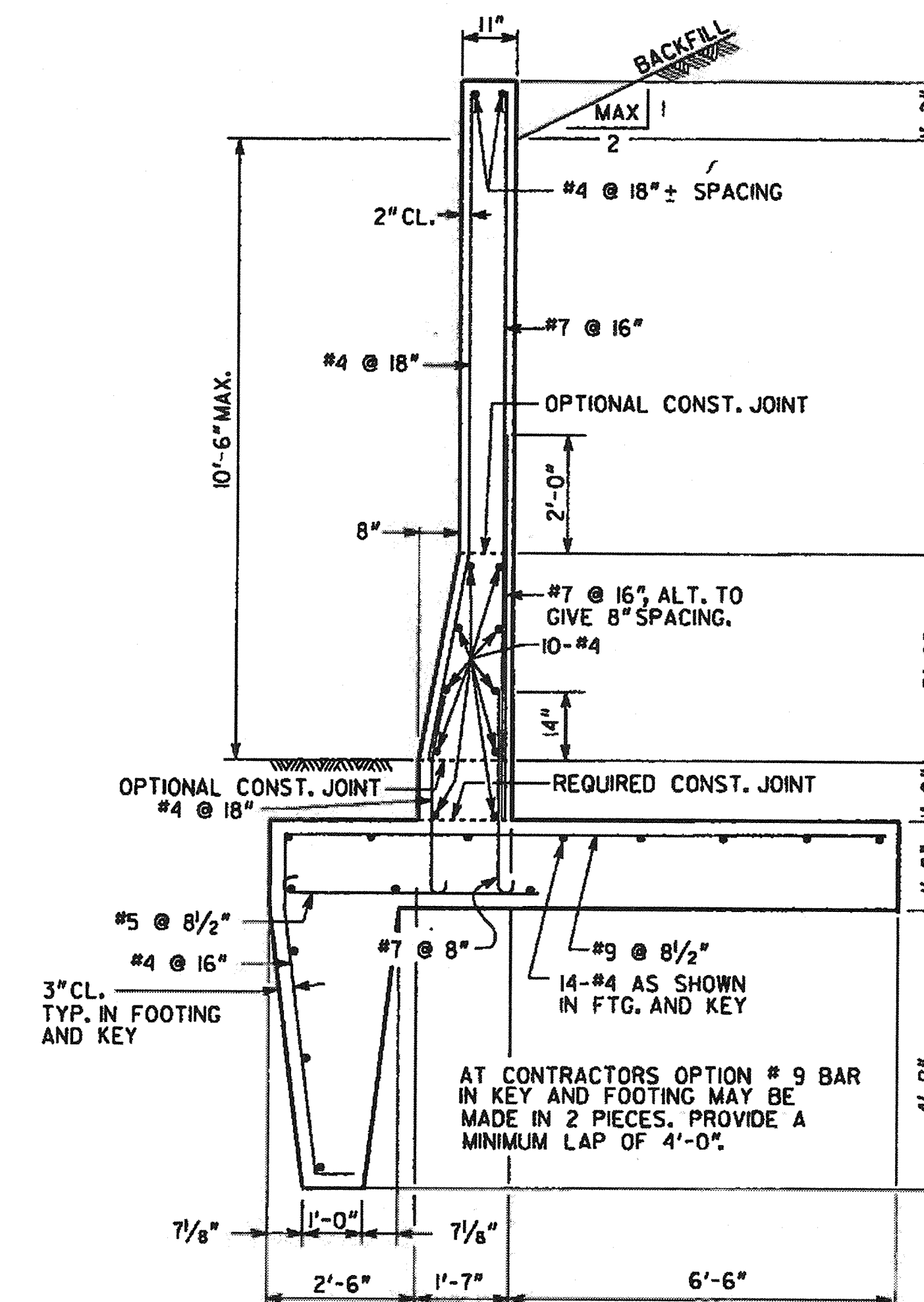
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		11106	1236



TYPE 6-SA SIDE BARRIER
SCALE: 1/2" = 1'-0"



TYPE 6-SB SIDE BARRIER
SCALE: 1/2" = 1'-0"



TYPE 6-SC SIDE BARRIER
SCALE: 1/2" = 1'-0"

NOTES:

- AT CONTRACTOR'S OPTION SIDES OF FOOTING KEY MAY BE VERTICAL MAINTAIN WIDTH SHOWN AT TOP OF KEY. BACKFILL FRONT FACE OF WALL FIRST.
- WEEPHOLES AND SAND BLANKET SHALL BE AS SHOWN FOR TYPE 6 BARRIER, GA. STD. 4948.
- EXPOSED CONCRETE SURFACES SHALL RECEIVE A TYPE III FINISH.
- 1' EXPANSION JOINTS SHALL BE PROVIDED IN WALL, FOOTING AND KEY AT A MAXIMUM SPACING OF 100 FEET. EXPANSION JOINTS SHALL BE SPACED UNIFORMLY.
- CONTRACTION JOINTS SHALL BE AS SPECIFIED FOR SIDE BARRIER, GA. STD. 4948.
- EXPANSION AND CONTRACTION JOINTS IN TYPES 6-SA, 6-SB AND 6-SC SIDE BARRIER SHALL BE WATERPROOFED ON THE BACK SIDE. WATERPROOFING SHALL BE 3-PLY AND EXTEND FROM TOP OF SAND BLANKET TO TOP OF FOOTING FOR 1'-6" MIN. EACH SIDE OF JOINT.
- TYPES 6-SA, 6-SB AND 6-SC SIDE BARRIER SHALL BE PAID FOR PER LIN. FOOT AS CONCRETE SIDE BARRIER, TYPE 6. PRICE BID TO INCLUDE COST OF WATERPROOFING AND ALL INCIDENTALS AS SPECIFIED IN SECTION 621 OF THE STD. SPECIFICATIONS.

- SIDE BARRIER DESIGNED FOR THE FOLLOWING SOIL PROPERTIES:

θ = ANGLE OF INTERNAL FRICTION = 28°
 γ = UNIT WEIGHT = 110pcf
 μ = COEFF. OF SLIDING FRICTION = .45

- A SYNTHETIC DRAINAGE BLANKET SELECTED FROM THE DEPARTMENT'S QUALIFIED PRODUCTS LIST IS AN ACCEPTABLE SUBSTITUTE FOR THE SAND BLANKET SHOWN IN THE DRAINAGE DETAILS.

REQ'D. SOIL BEARING CAPACITY

TYPE	CAPACITY, TONS/SF
6-SA	1
6-SB	1.25
6-SC	1.5

GEORGIA
DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

CONCRETE SIDE BARRIER
TYPES 6-SA, 6-SB & 6-SC

SCALE AS NOTED

SEPTEMBER 1997

BRIDGE SHEET
1 OF 1

DESIGNED J.R.N. & M.B.B. CHECKED J.P.T. REVIEWED P.V.L./B.D.M.
 DRAWN WMC DESIGN GROUP J.P.T. APPROVED

FILENAME: CSB26225.DGN